

not that of the tribe Boraginæ &
therefore support Mucuna's *Styliphtus*
and keep the name up for the *Oranthea*
species which have a very peculiar
habit - The leaves are not all opposite in
Mucuna piperis

This is much better than Sprengel
in the species he thoroughly has examined
but he has to my mind very little notion
of what a genus should be - He has made a
sad mess of his *Asplenium* about being
published in *Trans. Linn. Soc.* His *Asplenium*
is a good genus though only technically
distinct from *Cordia* (in which it has first
been well figured at Dresden) but the
whole genera are pure *Cordias* allied
to *L. Sebentena* - and as to the character
of the order *Asplenium* distinguished by
erect *atropous* (his name for *orthotropous*)
ovules that is all fudge - In *Cordia*
the attachment is lateral with a superior
microphyte varying from D to D and even
to J but never really basal and *atropous*
is a bad word meaning fixed and immu-
table *tropous* it is even derived from
ἄτροπος to turn but it is botanically
used in the sense of direction *orthotropous*
in a straight direction *anotropous* in a

25, WILTON PLACE.

London S.W.
Sept 21/75

My dear Grev


Just received yours of the 4th & 11th
Many thanks for the *Memulus* note
which are in good time. As to your other
notes - We both determined on keeping up
Vacciniaceae after much hesitation but
thought it most acceptable to botanists
in general

As to *convoluta* versus *contorta* I
had thought with you the former the
better term and had adopted it as a general
expression where the petals usually
overlap in one direction and twist in the
opposite direction (sometimes however
overlapping and twisting in the same
direction) but Hooker strongly objected
and upon looking into *A. jussea* & others
French botanists finding that they give
to *convoluta* a special and different sense
I gave in and altered *convoluta* to *contorta*
so that we have *lobi dephyllum contorta*
dephyllum orthogonum *inistrotum* *lobi*
etc. I have sent you sheets at the middle of

Please I expected to have sent you
two more this week but the clean sheets
are not come I hope to send three next
week the print regularly one sheet a
week I cannot get the printers to do
more it is expensive and it is tedious
are all in type - the proof just received
goes into Loganiaceae Gentianeae
Rutaceae & Hydrophyllae and at
the printers and this morning I send
them Boraginaceae & Convolvulaceae
your *Harpagonella* and *Echidocayon*
are both curious genera

I have got through *Gynecomis*, *Dipodomys*
and *Pedicularis* and have begun upon
Scanthococcus - *Pedicularis* have three
marked groups, which I am surprised
Decasime did not make out - what is very
unusual in him he looked at the outside
not the inside of the fruits

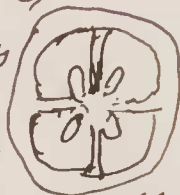
Martynia (*Martynia* and *Tournefortia* for
notocida is not a suitable genus)

has the ovary
1-locular and 
are the only American ones

Adulium *Strodia*
and *Harpagophytum*
have it 2 locule



Nagaria *Parnassia*,
Ceratonia *Ortrea*
and *Josephina* have
the cells spheroidal
divided into two locelli



Parnassia

I find *Gynecomis* *Dipodomys*
and *Pedicularis* separated by position
characters without ambiguous genera
while *Lotus* *Asophthalma*
and *Probanthum* run into one
another with a purely arbitrary line
of separation.

I had not at first recognized *Crotalaria*
1855 as *Stylythrum* *Heliotropoides* but
on careful comparison it with *Pedicularis*
bad specimens find you are right - but
I think it an undoubted *Ertrichium*
and on comparing ^{the tracing of} *Chouan* *peruv*
ex. mexicanum with various specimens
I can only match it with a Mexican
Heliotropium the inflorescence is certainly

reversed direction amphitropous in
an ambiguous or between and between
direction campitropous in a curved
direction so that atropous would mean
in no direction at all. but I believe
the invention of this term rests
with Bentley who was no Greek
scholar.

If you have any str. or Oenothera
or Verbascum I shall be glad to
have them as soon as possible

Yours very sincerely

George Dontham